**Siyu Lu**

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**Summary**

Multidisciplinary, graduated from bachelor of engineering in electric engineering in China. Major in master science of healthcare decision analysis at USC right now. Willing and adept to both working alone or working in a group. Played a leading role in the soccer team of school in the period of undergraduate.

**Technical Skills**

**Computing Language**: C Programming Language, Java, VHDL, Python, HTML, Java Script

**Databases:** MySQL

**Projects**

Design of intelligent family environment monitor with teammates 09/2017-10/2017

* Use sensors and microcomputer system to make environment monitor
* Upload data to cellphone via Bluetooth to monitor environment data

Content-base Movie Recommender GitHub link: <https://github.com/czwong/Movie_Machine_Learning>06/2019-07/2019

* Use content-base recommender to design a fake “IMDb” website. Users can get recommend movie by choose movie they watched.
* Worked on making content-base algorithm work for our dataset. Designed the upcoming movie webpage.
* Languages: Python, HTML, CSS, Java Script

Tools: VS code, Jupiter notebook, SQL pro,

**Experience**

Chongyou Huice Communications Technology co., LTD

Engineer in the Department of Software 07/07/2016-07/29/2016

* Implement an interface connection between eNB and UE
* Wrote tutorial materials for establishment of interface connection

Chongqing Changan Automobile Company., Ltd

Analyst in the department of market 01/2018-02/2018

* Learn how to use big data to assist business analytic
* Use big data to make competition pattern

**Education**

**Bootcamp Certificate: University of Southern California**

A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

**Bachelor of Engineering in Electric Engineering: Chongqing University of Posts And Telecommunications (CUPT)**

Graduation Date: 09/2018

GPA: 3.46/4.0

**Master Science of Healthcare Decision Analysis: University of Southern California** Estimate Graduation Date: 06/2020

GPA: 3.66/4.0